

**TOP SECRET**

# *SUPPLEMENT*

## PHOTOGRAPHIC INTERPRETATION REPORT



# KH-4 MISSION 1108

## IPIR NUMBER 22

### OAK SUPPLEMENT PART XVIII

### 5-21 DECEMBER 1969

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**TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- |  |   |
|--|---|
| 1. STRATEGIC SSM                                       | 7. GROUND   |
| Deployed Strategic SSM Facilities (A)                  | Ground Force Facilities (G)                       |
| 2. MISSILE RANGES                                      | 8. TACTICAL SSM                                   |
| Missile Ranges: Strategic SSM/Space Facilities (P)     | Deployed Tactical SSM Facilities (H)              |
| Missile Ranges: Air-Launched Missile Facilities (Q)    | 9. LOGISTICS                                      |
| Missile Ranges: Naval-Launched Missile Facilities (R)  | Military Logistics Facilities (K)                 |
| Missile Ranges: Tactical SSM Facilities (S)            | 10. NUCLEAR ENERGY                                |
| Missile Ranges: SAM/AMM Facilities (T)                 | Atomic Energy Facilities (O)                      |
| 3. AIR DEFENSE MISSILES                                | 11. CBR   |
| Deployed AMM Facilities (B)                            | CBR Facilities (V)                                |
| Deployed SAM Facilities (D)                            | 12. INDUSTRY                                      |
| 4. ELECTRONICS/COMMUNICATIONS                          | Strategic Weapons Industrial Facilities (J)       |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR   | Non-Military Industrial Facilities (N)            |
| Air Base Facilities (E)                                | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL   | 13. MISCELLANEOUS                                 |
| Naval Base Facilities (F)                              | Non-Military Logistics Facilities (M)             |
|  | Miscellaneous/Unidentified Facilities (Z)         |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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GROUND FORCE FACILITIES  
LOGISTICS

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PREFACE

# PREFACE

THIS IS THE EIGHTEENTH OAK SUPPLEMENT REPORT ON MISSION 1108.  
FOR COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

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CHINA  
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

MANGYAI PROB AIR WARNING RADAR FAC

25X1D

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

ON THE WEST EDGE OF MANGYAI.  
THE FACILITY IS ROAD-SERVED. MANGYAI COMPLEX CONSISTS OF 15  
BUILDINGS, SOME OF WHICH MIGHT SUPPORT THE RADAR FACILITY.

ELECTRONIC ORDER OF BATTLE:

1 PROB MOON CONE

25X1D

25X1D

TUNG-KUANG PROB MICROWAVE FACILITY

25X1D

STATUS:UNKNOWN

25X1A

25X1A

REMARKS:

THE TARGET CANNOT BE IDENTIFIED AT THE REFERENCED COORDINATES  
DUE TO SMALL SCALE OF THE PHOTOGRAPHY.

25X1D

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CHINA  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

CHING-SHUI AIRFIELD

25X1A

25X1D

25X1D

STATUS: OPERATIONAL

#### REMARKS:

THE GRADED-EARTH RUNWAY IS COMPLETE AND OPERATIONAL. SUPPORT FACILITIES CONSIST OF A GRADED-EARTH PARKING APRON, AN OPERATIONS/CONTROL TOWER BUILDING, ONE HANGAR, FOUR BARRACKS, ONE ADMINISTRATION BUILDING, AND 20 SUPPORT/MAINTENANCE BUILDINGS.

25X1D

#### AIR ORDER OF BATTLE:

1 PROB CRATE  
15 COLT

3 POSS AIRCRAFT/HELICOPTERS

25X1D

16 COLT  
1 POSS COLT

5 PROB HELICOPTERS

25X1D

25X1D

25X1D

HSING-PING POSS AIRCRAFT PARTS PLANT

STATUS: OPERATIONAL

25X1A

#### PHYSICAL DESCRIPTION:

3 NM WSW OF HSINGPING.

THE PARTIALLY SECURED INSTALLATION CONSISTS OF THREE AREAS.

THE EASTERN AREA CONTAINS 20 MONITOR-ROOFED BUILDINGS, ONE ADMINISTRATION BUILDING, A THERMAL POWERPLANT, AND APPROXIMATELY 50 ASSOCIATED BUILDINGS.

THE WESTERN AREA CONTAINS TEN MONITOR-ROOFED BUILDINGS, A

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CHINA  
AIR BASE FACILITIES

STEAMPLANT, AND APPROXIMATELY 20 ASSOCIATED BUILDINGS. HOUSING  
AREAS ARE IMMEDIATELY NORTH OF BOTH PLANTS.

THE THIRD AREA IS IMMEDIATELY SOUTH OF THE EASTERN AREA AND  
CONTAINS ONE SAWTOOTH-ROOFED BUILDING, TWO HEAT PROCESSING  
BUILDINGS, ONE ADMINISTRATION BUILDING, FOUR LARGE MULTISTORY  
BUILDINGS, AND 40 ASSOCIATED BUILDINGS.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

PEI-CHING NAVAL AF HQ NATIONAL  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

25X1D



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CHINA  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

CHANG-SHAN TAO NAVAL FACILITY  
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:  
10 LCM

25X1A

25X1D

25X1D

CHEN-CHIA-CHIANG NAVAL FACILITY  
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:  
3 SMALL PROB COMBATANTS

25X1A

25X1D

25X1D

25X1D

CHING-TAO NAVAL FACILITY  
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:  
2 POSS M-V SS

4 PROB SHANGHAI PGM

25X1A

25X1D

25X1D

25X1D

CHING-TAO PORT FACILITIES INNER HARBOR  
NAC

STATUS: OPERATIONAL

25X1A

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CHINA  
NAVAL BASE FACILITIES

NAVAL ORDER OF BATTLE:  
8 FREIGHTERS

2 COASTAL FREIGHTERS

25X1D

25X1D

CHIN-HUANG-TAO PORT FACILITIES  
NAC

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:  
2 SMALL FREIGHTERS

25X1D

25X1D

25X1D

HU-LU-TAO PORT FACILITIES

STATUS: UNDER CONSTRUCTION

25X1A

25X1A

REMARKS:

CONSTRUCTION OF THE SHIPYARD CONTINUES. THE TWO-BAY ADDITION TO THE LARGE CONSTRUCTION HALL APPEARS TO BE COMPLETE. THE TRANSVERSER IS COMPLETE AND APPARENTLY IS GOING TO BE EXPANDED INTO THE NORTH. THE RAIL-SERVED STORAGE/SUPPORT BUILDING PREVIOUSLY REPORTED UNDER CONSTRUCTION IMMEDIATELY NORTH OF THE CONSTRUCTION HALL IS APPARENTLY COMPLETE. AT THE NEARBY UNIDENTIFIED FACILITY NORTH OF THE SHIPYARD, THE CYLINDRICAL-ROOFED STRUCTURE CONNECTED TO THE LARGE THREE-BAY BUILDING IS ALMOST COMPLETELY EARTH COVERED. A PONTOON PIER IS APPARENTLY UNDER CONSTRUCTION ON THE EASTERN SIDE OF THE ADJACENT PENINSULA.

25X1D

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CHINA  
NAVAL BASE FACILITIES

25X1D

LIEN-YUN-CHIANG NAVAL BASE  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

5 POSS COMBATANTS (ONE IN  
ROADSTEAD)

25X1D

25X1D

LING-SHAN-WEI MTB BASE  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

8 PROB PT

25X1D

4 POSS SMALL VESSELS

25X1D

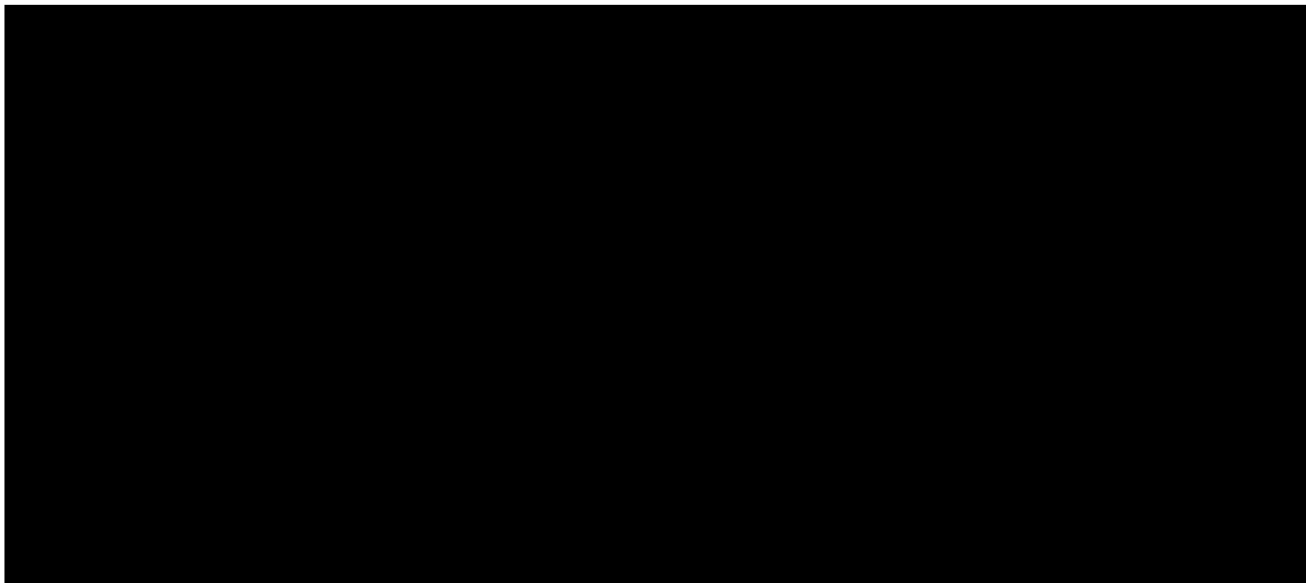
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CHINA  
NAVAL BASE FACILITIES

25X1D



25X1D

LUNG-MEN NAVAL BASE  
[REDACTED] NAC

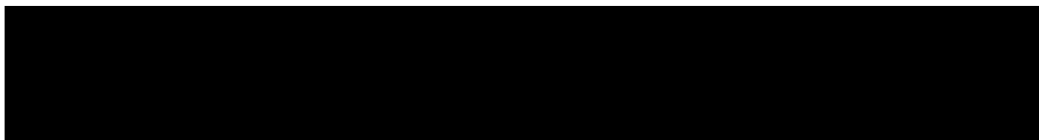
STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:  
SEVERAL VESSELS AT WHARVES

25X1D



25X1D

25X1D

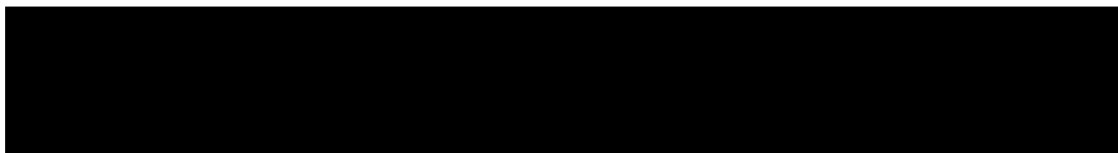
NAN-CHING PORT FACILITIES  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:  
10 BARGES ON WAYS  
15 BARGES AT  
FITTING-OUT/REPAIR  
FACILITIES

25X1D



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CHINA  
NAVAL BASE FACILITIES

25X1D

25X1D

PAI-LUNG PORT FACILITIES  
NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:  
2 SMALL POSS COMBATANTS AT  
PIER

25X1D

25X1D

25X1D

SPECIAL AREA NAVAL MVNT WAC 0614

STATUS: TRANSITORY

25X1A

REMARKS:  
FOUR SHANGHAI PGM AND ONE PROBABLE PGM ARE ANCHORED AT 23-13N  
116-47E.

25X1D

25X1D

25X1D

TANG-KU PORT FACILITIES HSIN-CHIANG  
NAC

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

1 FREIGHTER IN GRAVING DOCK  
4 FREIGHTERS AT FITTING-OUT  
PIER

1 PROB NEW VESSEL ON WAYS  
SEVERAL UNIDENTIFIED  
VESSELS

25X1D

2 LARGE FREIGHTERS AT  
FITTING-OUT PIER  
1 UNIDENTIFIED VESSEL IN  
GRAVING DOCK

1 UNIDENTIFIED VESSEL ON  
BUILDING WAYS

25X1D

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CHINA  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

FENG-HSIANG EXPLO STOR/HANDLING FAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE PARTIALLY SECURED INSTALLATION CONTAINS SIX SMALL REVETTED STORAGE BUILDINGS, FIVE STORAGE BUILDINGS, AND 20 SUPPORT BUILDINGS.

25X1D

THE SUPPORT AREA CONTAINS 12

25X1D

BARRACKS, ONE ADMINISTRATION BUILDING, AND 25 SUPPORT BUILDINGS.

25X1D

25X1D

PAO-TING ARMY BARRACKS NW

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

4.9 NM NW OF PAOTING.

THE WALL-SECURED BATTALION-SIZE INSTALLATION CONTAINS 12 BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING, ONE T-SHAPED MESSHALL, AND FOUR STORAGE/SUPPORT BUILDINGS. A PARKING AREA IS ADJACENT TO THE EAST.

GROUND FORCE ORDER OF BATTLE:

20 TANKS

25X1D

25X1D

PAO-TING ARMY BARRACKS NW 2

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

11.2 NM NW OF PAOTING.

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CHINA  
GROUND FORCE FACILITIES

THE REGIMENT-SIZE INSTALLATION CONSISTS OF TWO SEPARATE  
WALL-SECURED AREAS.

AREA A CONTAINS 12 BARRACKS, THREE ADMINISTRATION BUILDINGS,  
ONE AUDITORIUM, FOUR BARRACKS/SUPPORT BUILDINGS, THREE T-SHAPED  
MESSHALLS, SIX VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND SEVEN  
SUPPORT BUILDINGS. ADJACENT TO THE NORTH IS A SEPARATELY  
SECURED PROBABLE DEPENDENTS HOUSING AREA WHICH CONTAINS 29  
BARRACKS-TYPE HOUSING BUILDINGS.

AREA B, LOCATED 800 METERS WEST OF AREA A, CONTAINS SIX  
BARRACKS, ONE ADMINISTRATION BUILDING, TWO T-SHAPED MESSHALLS,  
SIX VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND THREE SUPPORT  
BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

36 ARTILLERY PIECES

24 CARGO TRUCKS

6 POSS AAA PIECES

25X1D

25X1D

25X1D

PING-KU ARMY BARRACKS NORTH AL 2

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

4 NM NORTH OF PINGKU.

THE INSTALLATION CONTAINS APPROXIMATELY 38 BARRACKS, ONE  
MULTISTORY H-SHAPED PROBABLE ADMINISTRATION BUILDING, ONE  
AUDITORIUM, TWO MESSHALLS, EIGHT VEHICLE/EQUIPMENT STORAGE  
BUILDINGS, AND AT LEAST 16 STORAGE/SUPPORT BUILDINGS.

A SECOND BARRACKS AREA IS LOCATED APPROXIMATELY 900 METERS EAST  
AND CONTAINS 14 BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING,  
ONE MESSHALL, FOUR VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND  
APPROXIMATELY EIGHT SUPPORT BUILDINGS.  
THIS INSTALLATION RESEMBLES KNOWN ARTILLERY REGIMENTAL PATTERNS  
AND COULD BE ASSOCIATED WITH A REPORTED ARTILLERY DIVISION  
LOCATED IN THE AREA OF PINGKU.

25X1D

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CHINA  
GROUND FORCE FACILITIES

25X1D

25X1D

TANG-SHAN HQ 24 ARMY AL 1

STATUS:OCCUPIED

25X1A

REMARKS:

FOUR PROBABLE TYPE 4 TRAPAZOIDAL-SHAPED STRUCTURES, NORMALLY ASSOCIATED WITH SAWRFS (SUSPECT ADVANCED WEAPONS RELATED FACILITIES) ARE OBSERVED IN THE NW PORTION OF THE INSTALLATION. THE FOUR TRAPAZOIDAL-SHAPED STRUCTURES HAVE BEEN CONSTRUCTED SINCE

25X1D

25X1D

25X1D

25X1D

TING-HSING ARMY BARRACKS WEST

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

14.5 NM WEST OF TINGHSING.  
THE WALL-SECURED BARRACKS AREA CONTAINS SIX BARRACKS, ONE POSSIBLE MESSHALL, ONE ADMINISTRATION/SUPPORT BUILDING, AND TWO STORAGE/SUPPORT BUILDINGS.

A TRACKED VEHICLE TRAINING AREA IS ADJACENT TO THE WEST AND CONSISTS OF A CLOSED-LOOP DRIVER-TRAINING COURSE AND A TANK FIRING RANGE WITH THREE MOVING TARGET RUNS.

GROUND FORCE ORDER OF BATTLE:

43 TANKS

12 POSS CARGO TRUCKS

25X1D

25X1D

25X1D

WAN-HSIEN ARMY BARRACKS

25X1A

STATUS:OCCUPIED

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CHINA  
GROUND FORCE FACILITIES

PHYSICAL DESCRIPTION:

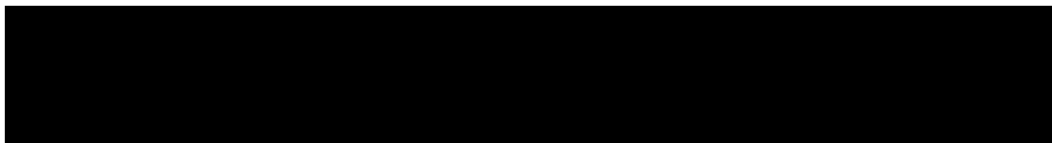
8 NM SW OF WANHSIEN AND 23 NM WSW OF PAOTING.  
THE INSTALLATION CONTAINS TWO SMALL BARRACKS AREA CONTAINING SIX BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING, ONE POSSIBLE MESSHALL, TWO VEHICLE STORAGE BUILDINGS, ONE POSSIBLE VEHICLE MAINTENANCE BUILDING, AND TWO STORAGE SUPPORT BUILDINGS.

AN ARMOR TRAINING AREA IS LOCATED IMMEDIATELY NORTH OF THE TWO BARRACKS AREAS AND CONTAINS TWO CLOSED-LOOP DRIVER-TRAINING COURSES AND A TANK FIRING RANGE WITH SIX MOVING TARGET RUNS.

GROUND FORCE ORDER OF BATTLE:

10 TANKS 15 POSS TANKS

25X1D



25X1D

WU-SHENG-I PROB EXPLOSIVES LOADING FAC

25X1D



STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1 NM NE OF WUSHENGI.  
THE FACILITY IS LOCATED IN TWO ADJACENT VALLEYS ON THE EAST SIDE OF CHUANGLANG HO RIVER. THE SOUTH AREA CONTAINS SIX REVETTED STORAGE BUILDINGS. THE NORTH AREA CONTAINS FOUR REVETTED PROCESSING BUILDINGS, ONE PROBABLE STEAMPLANT, 30 STORAGE BUILDINGS, AND APPROXIMATELY 35 STORAGE/SUPPORT BUILDINGS.

25X1D



25X1D

WU-SHENG-I STORAGE AREA

25X1D



STATUS: COMPLETE

25X1A

PHYSICAL DESCRIPTION:

4.8 NM NNW OF WUSHENGI.  
THE INSTALLATION CONTAINS 30 REVETTED AND DISPERSED STORAGE BUILDINGS AND 35 SUPPORT BUILDINGS. A RAIL-TO-ROAD

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CHINA  
GROUND FORCE FACILITIES

25X1D 25X1D  
TRANSSHIPMENT AREA IS LOCATED 1 NM SE AT 36-56 N 103-08 E.

GROUND FORCE ORDER OF BATTLE:  
19 CARGO TRUCKS

25X1D

25X1D

YANG-KO-CHUANG BARRACKS NE AL 2

25X1D

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

8.8 NM NE OF YANGKOCHUANG.

THE SECURED FACILITY CONSISTS OF 12 BARRACKS, FIVE  
QUARTERS-TYPE BUILDINGS, ONE ADMINISTRATION BUILDING, ONE  
POSSIBLE AUDITORIUM, ONE POSSIBLE MESSHALL, ONE LONG EQUIPMENT  
STORAGE BUILDING, AND APPROXIMATELY EIGHT SUPPORT/STORAGE  
BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

WU-YUN MILITARY BKS  
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

-25X1D

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CHINA  
LOGISTICS

SIGNIFICANT RESULTS

25X1D

25X1D

HSI-NING POL STORAGE AREA

STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:

11.3 NM SE OF HSINING.

THE AREA CONTAINS TEN BURIED POL STORAGE TANKS IN THE MIDSTAGE OF CONSTRUCTION. SOUTH OF THE STORAGE AREA IS A WALL-SECURED SUPPORT AREA CONTAINING TEN BUILDINGS. A RAIL TRANSSHIPMENT AREA CONTAINING A RAIL SPUR UNDER CONSTRUCTION AND 11 ASSOCIATED BUILDINGS IS LOCATED SOUTH OF THE STORAGE AREA.

25X1D

25X1D

25X1D

NAN-NING PORT FACILITIES YU CHIANG

STATUS: NEGATED

25X1A

25X1A

REMARKS:

THIS FACILITY IS INCAPABLE OF HANDLING AND BERTHING OCEANGOING CARGO VESSELS.

25X1D

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CHINA  
INDUSTRY

SIGNIFICANT RESULTS

25X1D

CHING-TAO NAVAL DOCKYARD  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:  
2 SS (1 IN GRAVING DOCK)  
1 POSS SS IN GRAVING DOCK  
1 LST

18 UNIDENTIFIED SMALL  
VESSELS

25X1D

JEN-HO-CHIEH INDUSTRIAL COMPLEX

26-34-//N 101-41-//E

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

25X1A

REMARKS:

THE RAIL LINE IS NOW COMPLETE THROUGH AREA F BUT IS UNDER  
CONSTRUCTION THROUGH AREAS A AND G. IN AREA F, TWO RAIL YARDS  
AND SEVERAL SIDINGS ARE UNDER CONSTRUCTION. CONSTRUCTION  
CONTINUES ON FACILITIES PREVIOUSLY REPORTED ON  
SMOKE IS BEING EMITTED FROM THE THERMAL POWERPLANT IN  
AREA B AND FROM THE CEMENT PLANT AND THE THERMAL POWERPLANT IN  
AREA G.

25X1D

25X1D

25X1D

25X1D

TASH-ARIK REFINERY + OIL FIELD

25X1D

STATUS: COMPLETE

25X1A

PHYSICAL DESCRIPTION:

10 NM NORTH OF TASHARIK AND 47 NM NE OF KUCHE.  
THE SMALL REFINERY CONTAINS TWO BASIC PROCESSING UNITS (ONE  
PROBABLE AND ONE POSSIBLE CRUDE DISTILLATION UNITS). THE  
FACILITIES IDENTIFIED INCLUDE TWO PIPE FURNACES, THREE  
FRACTIONATING COLUMNS, TWO CONTROL HOUSES, A TANK FARM, AND A

Handle Via  
Talent Keyhole  
Control System Only

TOP SECRET CHESS RUFF

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TCS-20018/70 - IPIR 22  
KH-4 MISSION 1108

CHINA  
INDUSTRY

TRANSSHIPMENT AREA CONTAINING ONE OVERHEAD LOADING RACK.  
THE TANK STORAGE FOR CRUDE OIL AND REFINED PRODUCTS INCLUDES  
ONE LARGE, 17 MEDIUM, AND 12 SMALL VERTICAL STORAGE TANKS. A  
LARGE OPEN STORAGE RESERVOIR AND SUMP IS LOCATED IN THE SE  
PORTION OF THE REFINERY.  
THE OIL FIELD, IN TWO PARTS ADJACENT TO THE EAST AND WEST OF  
THE REFINERY, COVERS A TOTAL AREA OF 28 SQ NM. THE OIL FIELD  
IS PROBABLY UNDER EXPANSION. SEVERAL LEVELED AREAS FOR  
DRILLING OPERATIONS HAVE BEEN CONSTRUCTED IN THE WESTERN  
PORTION OF THE OIL FIELD.  
A HOUSING AND SUPPORT COMPLEX FOR THE REFINERY AND OIL FIELD  
CONTAINS APPROXIMATELY 200 BUILDINGS. THE AREA IS ROAD SERVED  
ONLY. THIS TARGET WAS PREVIOUSLY REPORTED AS TASH-ARIK MINING  
COMPLEX.

25X1D

25X1D

WU-HSI NAVAL RESEARCH FACILITY  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:  
THE INLET IS LANDLOCKED. NO NAVAL VESSELS COULD REACH THIS  
INSTALLATION.

25X1D

Handle Via  
TAC-IPR  
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KH-4 MISSION 1108

CHINA  
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

25X1D

MANG-YAI-CHEN ORE PROC AND MNG CPLX

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

AT MANGYAICHEN,

THE COMPLEX CONTAINS TWO AREAS.

THE ORE PROCESSING AND MINING AREA CONTAINS ONE ORE PROCESSING BUILDING, ONE ORE CRUSHING BUILDING, TWO POSSIBLE VERTICAL SHAFT MINES, AND ONE OPEN PIT MINE.

THE SUPPORT AREA CONTAINS APPROXIMATELY 35 BARRACKS-TYPE BUILDINGS, SEVEN VEHICLE STORAGE SHEDS, ONE VEHICLE MAINTENANCE BUILDING, 20 STORAGE/SUPPORT BUILDINGS, ONE PROBABLE POWERPLANT, TWO VERTICAL TANKS, AND NUMEROUS TENTS.

GROUND FORCE ORDER OF BATTLE:

NUMEROUS POSS VEHICLES

25X1D

25X1D

SHUANG-CHENG-TZU PROB INST SITE UCON

25X1D

25X1A

25X1A

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

6 NM NE OF SCTMTC AIRFIELD.

25X1D

THIS IS ONE OF THREE NEW PROBABLE INSTRUMENTATION SITES UNDER CONSTRUCTION IN THE DESERT NE OF THE AIRFIELD. THE SITE CONSISTS OF FOUR BUILDINGS, THE LARGEST OF WHICH IS APPROXIMATELY [REDACTED] A TOWER, AND

25X1D

A FEW SMALL STRUCTURES OR BUNKERS. NOT PRESENT IN [REDACTED] IT WAS FIRST SEEN IN [REDACTED] IN AN EARLY STAGE OF CONSTRUCTION.

25X1D

25X1D

Handle Via  
Talent Keyhole  
Control System Only

TOP SECRET CHESS RUFF

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CHINA  
MISCELLANEOUS

25X1D



25X1D

25X1D

SHUANG-CHENG-TZU PROB INST SITE UCON



25X1A

25X1A

STATUS: UNDER CONSTRUCTION

25X1D

PHYSICAL DESCRIPTION:

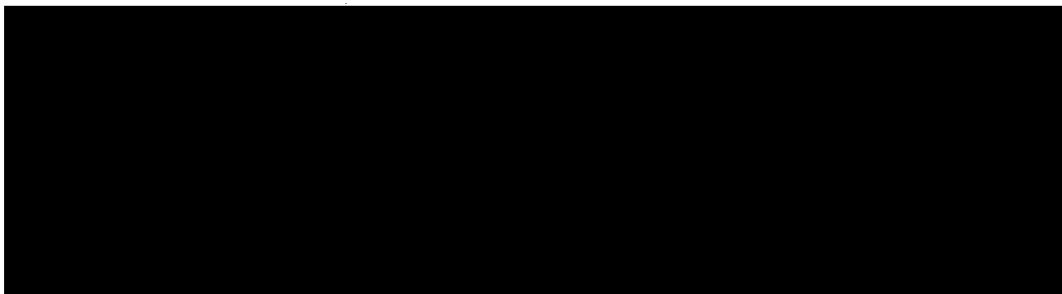
18 NM NE OF SCTMTC AIRFIELD.

THIS IS THE NORTHERNMOST OF THREE NEW PROBABLE INSTRUMENTATION SITES UNDER CONSTRUCTION IN THE DESERT NE OF THE AIRFIELD. THE THREE SITES FORM A TRIANGLE HAVING SIDES 12, 15.5, AND 23.5 NM LONG. THIS SITE CONSISTS OF FOUR BUILDINGS, THE LARGEST OF WHICH IS APPROXIMATELY [REDACTED], AND

A FEW SMALL STRUCTURES OR BUNKERS. NOT PRESENT IN [REDACTED] IT WAS OBSERVED IN AN EARLY STAGE OF CONSTRUCTION IN [REDACTED] AND NOW APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION.

25X1D

25X1D





Handle Via  
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Control System Only

TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
KH-4 MISSION 1108

CUBA  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

CONSTANCIA SAM SITE A10-2  
NAC

25X1D

STATUS:OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:  
NONE DISCERNIBLE

ASSOCIATED OBJECTS:  
6 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

MARIEL SAM SITE A30-2  
NAC

25X1D

STATUS:OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:  
2 PROB LAUNCHERS

25X1D

[REDACTED]

25X1D

RANCHUELO SAM SITE A33-2

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:  
THIS SITE CONTAINS SIX REVETTED LAUNCH POSITIONS AND THREE  
REVETTED MISSILE-HOLD AREAS.

Handle Via

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TOP SECRET CHESS RUFF

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CUBA  
AIR DEFENSE MISSILES

MISSILE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D

25X1D

SANTA CLARA SAM SITE A34-2  
NAC

STATUS:OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:

6 PROB LAUNCHERS

1 MISSILE TRANSPORTER

2 POSS MISSILE TRANSPORTERS

1 OCCUPIED GUIDANCE AREA

2 VEHICLES OR PIECES OF  
EQUIPMENT

25X1D

25X1D

25X1D

SANTA FE SAM TRAINING SITE A09-02  
NAC

STATUS:UNOCCUPIED

25X1A

ASSOCIATED OBJECTS:

2 VEHICLES OR PIECES OF  
EQUIPMENT

25X1D

**25X1D**

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TOP SECRET CHESS RUFF

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CUBA  
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

SAN MIGUEL AW RADAR FACILITY  
NAC

25X1D

STATUS: OCCUPIED

ASSOCIATED OBJECTS:  
3 VEHICLES OR PIECES OF  
EQUIPMENT

25X1A

25X1D

25X1D

SANTA CLARA AW RADAR FACILITY  
NAC

25X1D

STATUS: OCCUPIED

REMARKS:  
THE RADAR POSITIONS ARE PROBABLY OCCUPIED.

ASSOCIATED OBJECTS:  
10 VEHICLES OR PIECES OF  
EQUIPMENT

25X1A

25X1D

Handle Via  
TAC/PM/CH/MS  
Control System Only

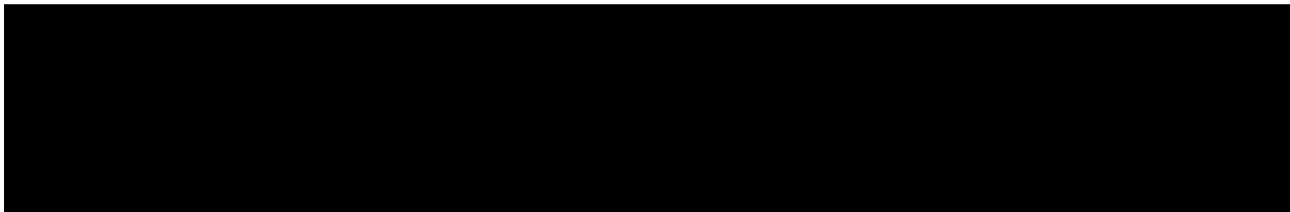
TOP SECRET CHESS RUFF

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CUBA  
COMMO/ELEC/RADAR FACILITIES

25X1D



25X1D

25X1D

SANTA FE AW RADAR FACILITY  
NAC

STATUS:OCCUPIED

25X1A

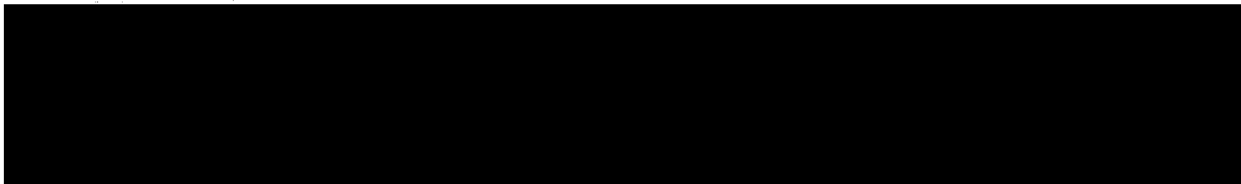
REMARKS:

THREE VEHICLES ARE LOCATED IN THE REVETTED POSITIONS.

ELECTRONIC ORDER OF BATTLE:  
NONE DISCERNIBLE

ASSOCIATED OBJECTS:  
4 PROB VEHICLES OR PIECES  
OF EQUIPMENT

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

BAHIA HONDA AW RADAR FACILITY  
NAC

STATUS:UNKNOWN

25X1A

ELECTRONIC ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

25X1D

SAN JULIAN AW RADAR FACILITY  
NAC

STATUS:UNKNOWN

25X1A

**25X1D**

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TOP SECRET CHESS RUFF

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CUBA  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CAMILO CIENFUEGOS AIRFIELD  
NAC

25X1D

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
1 PROB CRATE

4 POSS SMALL AIRCRAFT

25X1A

25X1D

25X1D

25X1D

CAMPO LIBERTAD AIRFIELD  
NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
5 PROB COLT

1 POSS COLT

25X1A

25X1D

25X1D

25X1D

25X1D

JOSE MARTI INTERNATIONAL AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

Handle Via  
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CUBA  
AIR BASE FACILITIES

AIR ORDER OF BATTLE:  
1 PROB CLASSIC

25X1D



25X1D

25X1D

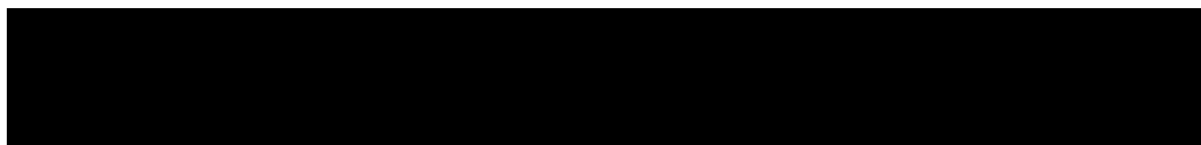
NUEVA GERONA AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:  
2 COLT

25X1D



25X1D

PLAYA BARACOA AIRFIELD

25X1A

STATUS: OPERATIONAL

25X1D

25X1A

REMARKS:  
CONSTRUCTION IS IN PROGRESS NEAR THE SW END OF THE RUNWAY.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD  
NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:  
3 POSS FISHBED

4 OTHER POSS AIRCRAFT



Handle Via

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CUBA  
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

25X1D

SAN JULIAN AIRFIELD  
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:  
25 COLT  
6 PROB COLT  
11 ZLIN TRENER

3 PROB ZLIN TRENER  
4 SMALL STRAIGHT-WING

25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

JAIME GONZALES AIRFIELD  
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1A

25X1D

[REDACTED]

25X1D

25X1D

KAWAMA AIRFIELD  
[REDACTED] NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1A

25X1D

[REDACTED]

25X1D

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CUBA  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CIENFUEGOS PORT FACILITIES

- 25X1D

NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

25X1D

1 PROB TANKER

1 PROB FREIGHTER

25X1D

2 PROB FREIGHTERS

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

CIENFUEGOS NAVAL BASE

25X1D

NAC

STATUS: UNKNOWN

25X1A

NAVAL ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

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TOP SECRET CHESS RUFF

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CUBA  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

GUANAJAY MILITARY CAMP MARTIN MESA 1

NAC

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
15 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

LA CHARCA MILITARY HQS

NAC

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
100 POSS VEHICLES OR PIECES  
OF EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

LAS MERCEDES VEHICLE PARK

NAC

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
12 VEHICLES OR PIECES OF  
EQUIPMENT

Handle Via  
TAMU/KF/NA/55  
Control System Only

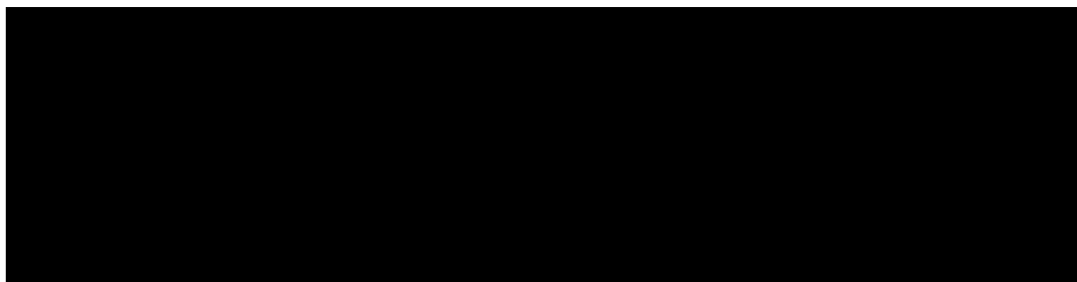
TOP SECRET CHESS RUFF

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CUBA  
GROUND FORCE FACILITIES

25X1D



25X1D

25X1D

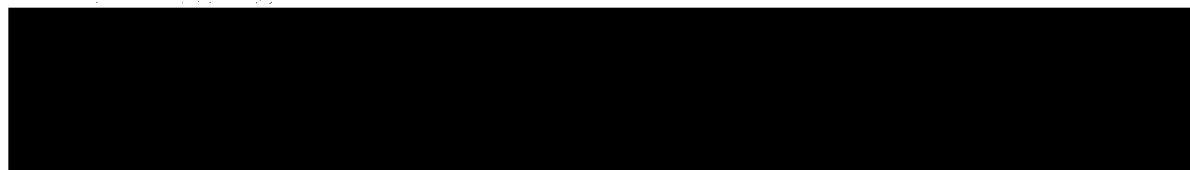
MARIEL MILITARY CAMP LOMA GOBERNADORA  
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
3 POSS VEHICLES OR PIECES  
OF EQUIPMENT

25X1D



25X1D

25X1D

MINAS MILITARY CAMP JESUS MARIA FINCA  
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
34 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D



-25X1D

SAN ANTONIO DE LOS BANOS MIL CAMP NE  
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
4 PROB VEHICLES OR PIECES  
OF EQUIPMENT

25X1D

Handle Via  
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Control System Only

TOP SECRET CHESS RUFF

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CUBA  
GROUND FORCE FACILITIES

25X1D

25X1D

25X1D

SAN DIEGO DE NUNEZ MILITARY CAMP

STATUS:OCCUPIED

25X1A

25X1A

GROUND FORCE ORDER OF BATTLE:  
2 PROB VEHICLES OR PIECES  
OF EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

SANTA FE MILITARY CAMP EAST

STATUS:UNKNOWN

25X1A

25X1A

REMARKS:  
THIS CAMP IS PROBABLY OCCUPIED.

GROUND FORCE ORDER OF BATTLE:  
4 POSS VEHICLES OR PIECES  
OF EQUIPMENT

25X1D

25X1D

25X1D

SANTA FE MILITARY CAMP LA CLARITA

STATUS:UNKNOWN

25X1A

25X1A

REMARKS:  
THIS CAMP IS PROBABLY OCCUPIED.

GROUND FORCE ORDER OF BATTLE:  
2 PROB VEHICLES OR PIECES  
OF EQUIPMENT

**25X1D**

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CUBA  
INDUSTRY

SIGNIFICANT RESULTS

25X1D

25X1D

LA ROSITA ARMS FACTORY A STORAGE DPO  
NAC

STATUS: OCCUPIED

25X1A

ASSOCIATED OBJECTS:  
5 VEHICLES OR PIECES OF  
EQUIPMENT (AT LEAST)

25X1D



Handle Via  
Talent Keyhole  
Control System Only

TOP SECRET CHESS RUFF

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JORDAN  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

KHAWN AIRFIELD

25X1A

25X1D

25X1D

STATUS: NOT OPERATIONAL

REMARKS:

FIVE LARGE PROBABLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED ADJACENT TO THE RUNWAY, AND TWO PROBABLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED ADJACENT TO THE PARALLEL TAXIWAYS. VEHICLE REVETMENTS ARE SCATTERED SOUTH OF THE RUNWAY, BETWEEN THE RUNWAY AND PARALLEL TAXIWAYS, BETWEEN THE TWO PARALLEL TAXIWAYS, AND NORTH OF THE TAXIWAYS.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

Handle Via

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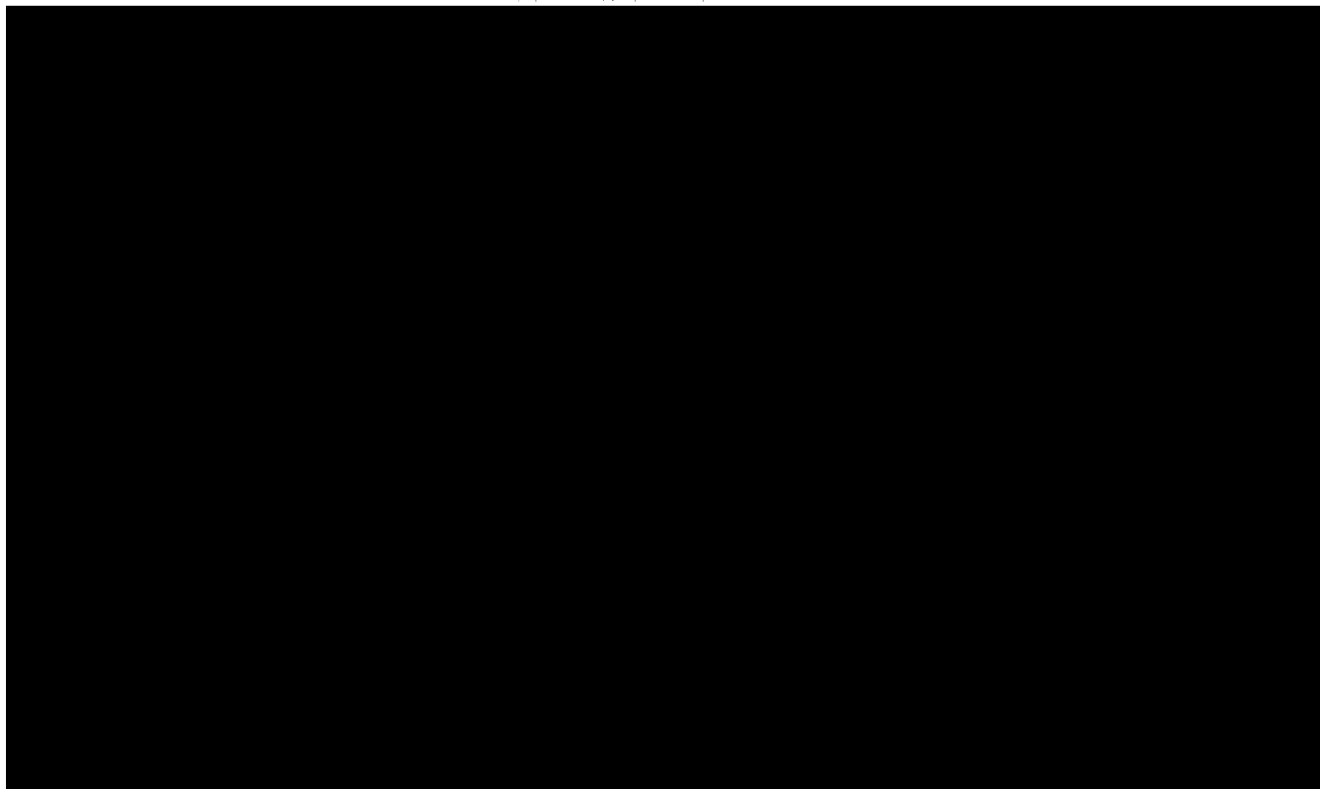
TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
KH-4 MISSION 1108

JORDAN  
GROUND FORCE FACILITIES

### SIGNIFICANT RESULTS

25X1D



25X1D

AZ ZARQA ARMY BARRACKS SE



25X1A



25X1D

STATUS: OCCUPIED

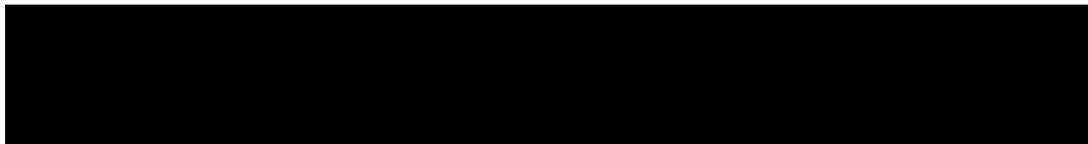
#### PHYSICAL DESCRIPTION:

3.3 NM SSE OF AZ ZARQA. THIS INSTALLATION CONSISTS OF TWO SEPARATELY SECURED AREAS. THE EAST AREA CONTAINS SEVEN ADMINISTRATION BUILDINGS, 14 BARRACKS, 16 SUPPORT BUILDINGS, ONE AUDITORIUM, TWO ATHLETIC FIELDS, AND AN OPEN STORAGE AREA. THE WEST AREA CONTAINS THREE ADMINISTRATION BUILDINGS, 11 BARRACKS, FOUR STORAGE BUILDINGS, AND 11 SUPPORT BUILDINGS.

#### GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

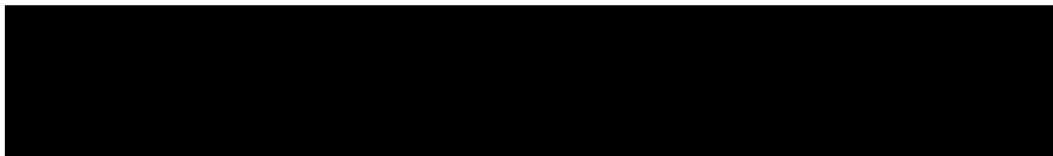


TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
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JORDAN  
GROUND FORCE FACILITIES

25X1D



25X1D

AZ ZARQA BRIGADE HQ BKS + DEPOTS

25X1D



25X1A



STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

ON THE EAST SIDE OF THE AZ ZARQA-MAFRAQ HIGHWAY ON THE EASTERN  
EDGE OF AZ ZARQA. THE INSTALLATION CONSISTS OF THREE MAJOR  
AREAS DESIGNATED AREA A,B, AND C.

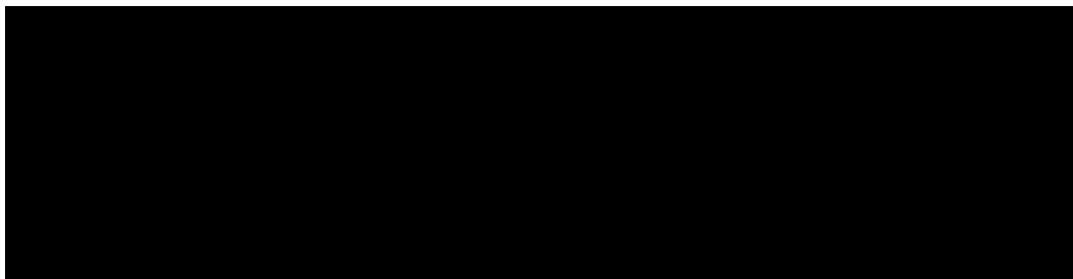
AREA A IS THE MAIN AREA ON THE EAST SIDE OF THE HIGHWAY AND  
CONTAINS 20 ADMINISTRATION BUILDINGS, 70 BARRACKS, 25 BARRACKS  
OR SUPPORT BUILDINGS, 25 STORAGE BUILDINGS, NUMEROUS QUARTERS  
BUILDINGS, AND A PARADE OR ATHLETIC FIELD. A DEPOT IS IN THE  
CENTER OF THE AREA AND CONTAINS FIVE LARGE FABRICATION-TYPE  
BUILDINGS, FOUR SHOP-TYPE BUILDINGS, SIX STORAGE BUILDINGS, AND  
20 SUPPORT BUILDINGS. A POSSIBLE DRIVER-TRAINING AREA IS ON  
THE NE EDGE OF THE INSTALLATION.

AREA B IS ON THE NORTH AND NORTHEAST EDGE OF AREA A AND  
CONTAINS TEN ADMINISTRATION BUILDINGS, 70 BARRACKS, AND 50  
STORAGE OR SUPPORT BUILDINGS.

AREA C IS EAST OF AREA A AND SOUTH OF AREA B AND CONSISTS OF  
THREE SEPARATELY SECURED AREAS CONTAINING TEN ADMINISTRATION  
BUILDINGS, 70 BARRACKS, ONE LARGE VEHICLE STORAGE BUILDING, AND  
30 STORAGE OR SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

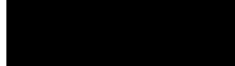


25X1D

AZ ZARQA ORDNANCE DEPOT

25X1A

25X1D



TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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JORDAN  
GROUND FORCE FACILITIES

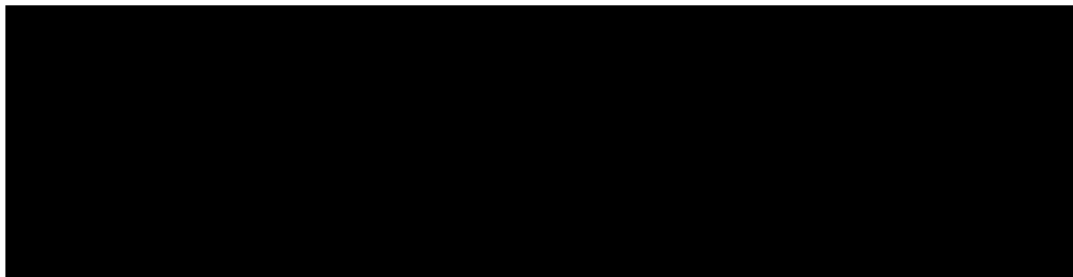
STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2.1 NM NNE OF AZ ZARQA. THIS SECURED INSTALLATION CONTAINS ONE PROBABLE VEHICLE MAINTENANCE BUILDING, THREE PROBABLE VEHICLE STORAGE BUILDINGS, SEVEN LARGE STORAGE BUILDINGS, AND NINE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

AZ ZARQA ROYAL ART BKS HQS A SCHOOL

25X1D



25X1A

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

3.5 NM NW OF AZ ZARQA ON BOTH SIDES OF THE AZ ZARQA-MAFRAQ HIGHWAY. THIS INSTALLATION CONSISTS OF EIGHT COMPOUNDS, DESIGNATED AREAS A THROUGH H. AREAS A THROUGH F ARE ON THE SOUTH SIDE OF THE HIGHWAY AND AREAS G AND H ARE ON THE NORTH SIDE.

AREA A IS THE WESTERNMOST, IS SECURED, AND CONTAINS 30 BARRACKS, FIVE ADMINISTRATION BUILDINGS, 18 SUPPORT BUILDINGS, TWO VEHICLE PARKS, AND AN ATHLETIC FIELD.

AREA B IS 1 NM EAST OF AREA A, IS SECURED, AND CONTAINS FOUR BARRACKS, ONE ADMINISTRATION BUILDING, SIX SUPPORT BUILDINGS, AND A VEHICLE PARK.

AREA C IS JUST EAST OF AREA B, IS SECURED, AND CONTAINS 11 BARRACKS, TWO ADMINISTRATION BUILDINGS, FIVE SUPPORT BUILDINGS, AND A VEHICLE PARK.

AREA D IS JUST EAST OF AREA C, IS SECURED, AND CONTAINS 34 BARRACKS, ONE ADMINISTRATION BUILDING, AND SIX SUPPORT BUILDINGS.

AREA E IS JUST EAST OF AREA D, IS UNSECURED, AND CONTAINS SIX BARRACKS, TWO LARGE ADMINISTRATION BUILDINGS, EIGHT SUPPORT BUILDINGS, AND AT LEAST 30 VEHICLE REVETMENTS.

AREA F IS JUST SE OF AREA E, IS UNSECURED, AND CONTAINS SIX

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Handle Via

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JORDAN  
GROUND FORCE FACILITIES

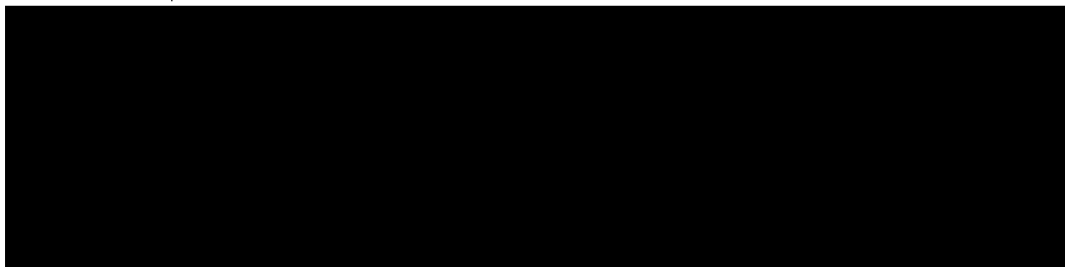
BARRACKS OR STORAGE BUILDINGS, ONE LARGE U-SHAPED PROBABLE  
VEHICLE STORAGE BUILDING, FIVE SUPPORT BUILDINGS, AND NUMEROUS  
VEHICLE REVETMENTS.

AREA G IS THE WESTERNMOST, IS SECURED, AND CONTAINS 34  
BARRACKS, TWO ADMINISTRATION BUILDINGS, EIGHT SUPPORT  
BUILDINGS, AND NUMEROUS VEHICLE REVETMENTS.

AREA H IS JUST NE OF AREA G, IS SECURED, AND CONTAINS 38  
BARRACKS, TWO ADMINISTRATION BUILDINGS, 13 SUPPORT BUILDINGS,  
AND A PARADE FIELD.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



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NORTH KOREA  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HUNGNAM SAM SITE A25-2  
NAC

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

THE SIX LAUNCH POSITIONS APPEAR TO BE OCCUPIED, THE OCCUPANCY  
OF THE GUIDANCE AREA IS UNDETERMINED.

25X1D

25X1D

HUNGNAM SAM SITE C22-2  
NAC

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

THE LAUNCH POSITIONS ARE OCCUPIED. THE OCCUPANCY OF THE  
GUIDANCE AREA IS UNDETERMINED.

25X1D

25X1D

WONSAN SAM SITE A10-2  
NAC

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

THE LAUNCH POSITIONS APPEAR TO BE OCCUPIED. THE OCCUPANCY OF  
THE GUIDANCE AREA IS UNDETERMINED.

25X1D

25X1D

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NORTH KOREA  
COMMO/ELEC/RADAR FACILITIES

### SIGNIFICANT RESULTS

25X1D

HYESAN TP SW CEN SRCH

25X1A

25X1D

STATUS: UNKNOWN

25X1A

#### REMARKS:

SMALL SCALE AND INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDE  
IDENTIFICATION OF TP SW CEN.

25X1D



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NORTH KOREA  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

HWANGSUWON AIRFIELD

.25X1D

25X1A

25X1A

STATUS:UNKNOWN

REMARKS:

THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

KILCHU AIRFIELD SOUTHEAST

25X1D

25X1A

25X1A

STATUS:UNKNOWN

REMARKS:

THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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NORTH KOREA  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CHONGJIN PORT FACILITIES EAST  
NAC

25X1D

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

1 DRY CARGO MERCHANT SHIP

25X1D

25X1A

25X1D

CHONGJIN PORT FACILITIES WEST  
NAC

25X1D

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

3 DRY CARGO MERCHANT SHIPS 2 MERCHANT SHIPS

25X1D

25X1A

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NORTH KOREA  
NAVAL BASE FACILITIES

25X1D

25X1D

KIMCHAEK NAVAL BASE  
NAC

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:  
5 UNIDENTIFIED VESSELS  
MOORED TO BREAKWATER

25X1D

25X1D

25X1D

KIMCHAEK PORT FACILITIES  
NAC

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:  
1 LARGE DRY CARGO VESSEL

25X1D

3 PROB FISH FACTORY SHIPS  
AT QUAY

25X1D

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NORTH KOREA  
NAVAL BASE FACILITIES

25X1D

25X1D

KOSONG NAVAL FACILITY  
NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 PCE

3 PT

3 PROB S.O.1 SC

25X1D

25X1D

KOSONG PORT FACILITIES

25X1A

25X1D

STATUS: NEGATED

25X1A

REMARKS:

THIS INSTALLATION IS NOT A PORT FACILITY BUT RATHER IS AN  
INSIGNIFICANT FISH TRANSLOADING FACILITY.

25X1D

25X1D

MAYANGDO-RI NAVAL REPAIR YARD

25X1D

NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

1 W SS

1 PROB OPC

25X1D

25X1D

NAJIN NAVAL FACILITY

25X1D

NAC

25X1A

TOP SECRET CHESS RUFF

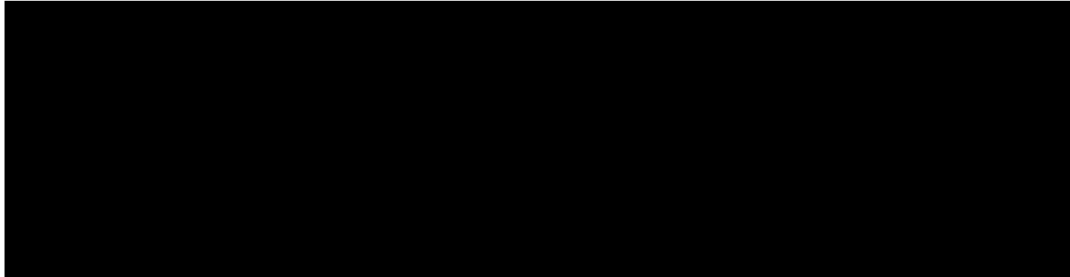
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KH-4 MISSION 1108

NORTH KOREA  
NAVAL BASE FACILITIES

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:  
USS PUEBLO

25X1D



25X1D

SINPO PORT FACILITIES

25X1D



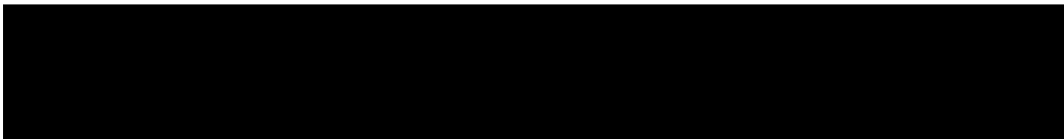
STATUS: NEGATED

25X1A

25X1A

REMARKS:  
THE FISHING FACILITIES AT SINPO DO NOT CONSTITUTE A PORT  
FACILITY. NO DEEP-WATER BERTHING, TRANSIT SHEDS, OR CARGO  
HANDLING FACILITIES ARE OBSERVED.

25X1D



25X1D

SOSURA-RI PORT FACILITIES

25X1D



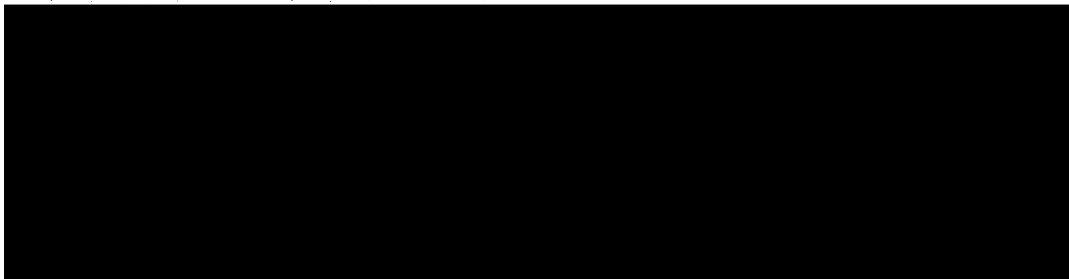
STATUS: NEGATED

25X1A

25X1A

REMARKS:  
THE FACILITY CONSISTS OF A SINGLE SMALL FINGER PIER INCAPABLE  
OF HANDLING ANY SIGNIFICANT AMOUNT OF OCEANBORNE CARGO TONNAGE.  
IT DOES NOT FUNCTION AS A PORT AT THIS TIME.

25X1D



TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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NORTH KOREA  
NAVAL BASE FACILITIES

25X1D

UNGGI PORT FACILITIES

25X1A

25X1D

STATUS: ABANDONED

25X1A

REMARKS:

THE TRANSIT SHED HAS BEEN INCOMPLETE FOR THE PAST SIX YEARS.  
THE FACILITIES ARE INCAPABLE OF HANDLING ANY SIGNIFICANT AMOUNT  
OF OCEANBORNE CARGO TONNAGE.

NAVAL ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

TOP SECRET CHESS RUFF

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NORTH KOREA  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

HONGWON ARMY BARRACKS TUNAM-NI

25X1D

STATUS:OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

1.7 NM SW OF HONGWON.

THE ROAD-SERVED INSTALLATION, LOCATED IN A SMALL VALLEY,  
CONSISTS OF FIVE BARRACKS-TYPE BUILDINGS, ONE ADMINISTRATION  
BUILDING, AND 25 OTHER PROBABLE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

KUMSONG HQ 160 INF REGT + ARMY BKS

25X1D

STATUS:OCCUPIED

25X1A

25X1A

REMARKS:

A SMALL COMPLEX IS LOCATED AT THE REFERENCED COORDINATES.  
HOWEVER, SMALL SCALE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF  
ANY MILITARY INSTALLATION WITHIN THE COMPLEX.

25X1D

25X1D

KYONGPA-RI ARMY BARRACKS WEST

25X1D

STATUS:OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

2.1 NM NE OF KUM-SONG.

THE INSTALLATION CONSISTS OF EIGHT UNIDENTIFIED BUILDINGS.  
SMALL SCALE PRECLUDES FURTHER INTERPRETATION.

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TOP SECRET CHESS RUFF

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NORTH KOREA  
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D



25X1D

TANCHON ARMY BARRACKS

25X1A



25X1D

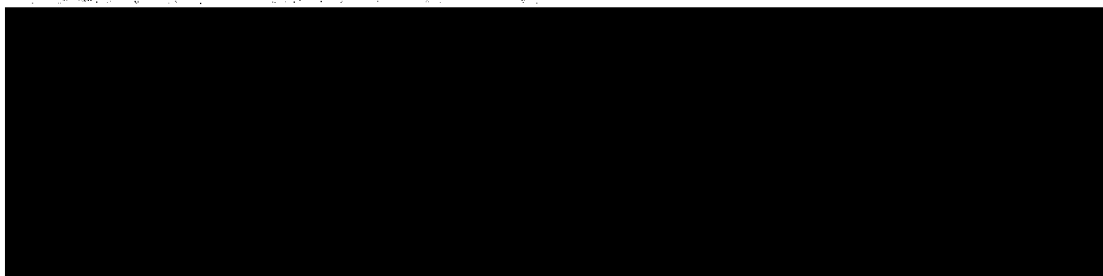
STATUS:NEGATED

25X1A

REMARKS:

THIS INSTALLATION IS PART OF A WORKERS HOUSING AREA FOR THE ORE  
CONCENTRATION PLANT LOCATED IMMEDIATELY TO THE NORTH. NO  
MILITARY ACTIVITY IS OBSERVED.

25X1D



25X1D

WONSAN ARMY BKS + HQ 53 INF REGT

25X1D



STATUS:OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

3.7 NM NORTH OF WONSAN.

THE INSTALLATION CONSISTS OF TWO AREAS.

AREA A CONTAINS TWO MULTISTORY BARRACKS, ONE E-SHAPED  
HEADQUARTERS/ADMINISTRATION BUILDING, ONE T-SHAPED  
ADMINISTRATION BUILDING, ONE HEATING PLANT, ONE MESSHALL, TWO  
VEHICLE SHEDS, AND THREE SUPPORT BUILDINGS.

AREA B CONTAINS TEN BARRACKS, TWO QUARTERS, AND THREE SUPPORT  
BUILDINGS.

GROUND FORCE ORDER OF BATTLE:  
NONE DISCERNIBLE



**25X1D**

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NORTH KOREA  
LOGISTICS

SIGNIFICANT RESULTS

25X1D

CHONGJIN RR YARDS AND SHOPS SOUTH

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

25X1D

ON [REDACTED] THE YARDS APPEAR APPROXIMATELY 30 PERCENT FILLED,  
SMALL SCALE PRECLUDES A COUNT OF ROLLING STOCK,

25X1D

25X1D

NAJIN RR YARDS AND SHOPS  
NAC

25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

THE LEVEL OF ACTIVITY APPEARS LIGHT, THE EXTENT OF OCCUPANCY  
CANNOT BE DETERMINED DUE TO SMALL SCALE,

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

CHONGJIN POL STORAGE  
NAC

25X1D

25X1A

**25X1D**

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NORTH KOREA  
INDUSTRY

SIGNIFICANT RESULTS

25X1D

CHONGJIN SYNTHETIC FIBER PLANT  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

REMARKS:

ON [REDACTED] THE THERMAL POWERPLANT IS OPERATIONAL. SMALL  
SCALE PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1D

KIMCHAEK SHIPYARD  
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

2 SMALL UNIDENTIFIED  
VESSELS ON WAYS

6 UNIDENTIFIED VESSELS AT  
BERTHING SPACES

25X1D

25X1D

KOSONG SHIPYARD 445

25X1A

25X1D

STATUS: NEGATED

25X1A

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TOP SECRET CHESS RUFF

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NORTH KOREA  
INDUSTRY

REMARKS:  
THIS INSTALLATION IS NOT A SHIPYARD BUT RATHER A VERY SMALL  
INSIGNIFICANT BOATYARD.

25X1D

25X1D

25X1D

WONSAN SHIPYARD 1  
NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:  
1 INCOMPLETE FREIGHTER ON  
THE WAYS  
NUMEROUS SMALL CRAFT

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

NAJIN NAVAL ACADEMY  
NAC

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

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NORTH KOREA  
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

CHONGJIN COMPLEX

25X1A



25X1D



25X1A

STATUS: OPERATIONAL

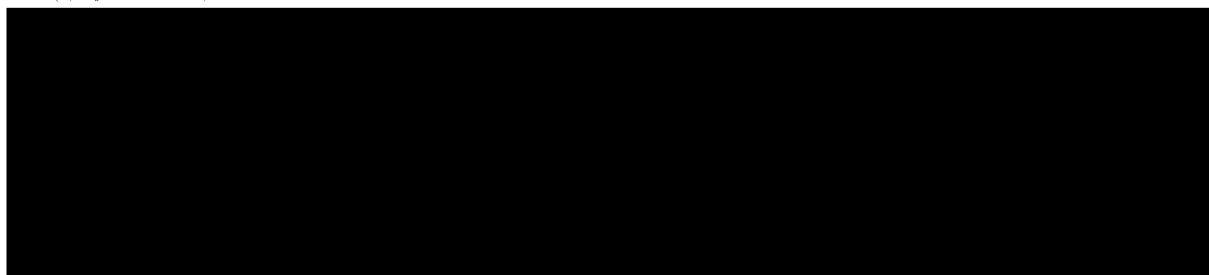
25X1D

REMARKS:

25X1D

ON [REDACTED] ALL RAIL YARDS, THE RAILCAR REPAIR FACILITY, THE SPONGE IRON PLANT, AND THE THERMAL POWERPLANT ARE ACTIVE. ON [REDACTED] THE STEEL PLANTS AND THE THERMAL POWERPLANT ARE ACTIVE. AN UNDETERMINED AMOUNT OF ROLLING STOCK IS IN TWO OF THE RAIL YARDS.

25X1D



Handle Via  
TALIPREVIEW  
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Handle Via

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TOP SECRET CHESS RUFF

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SYRIA  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HOMS (HIMS) SAM SITE B22-2  
NAC

25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

THE PRIMARY SITE AND AT LEAST TWO OF THE LAUNCH POSITIONS AND  
THE GUIDANCE AREA OF THE ALTERNATE SITE ARE OCCUPIED.

25X1D

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TOP SECRET CHESSE RUFF

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TIBET  
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

KUNGCHIATSUNG PROB AW RADAR FAC

25X1D

STATUS:UNKNOWN

25X1A

PHYSICAL DESCRIPTION:

9 NM SW OF KUNGCHIATSUNG AND 14 NM SW OF KUNG-KA AIRFIELD

25X1A

25X1A

THE ROAD-SERVED FACILITY IS LOCATED ON A MOUNTAIN AND CONTAINS SEVEN TENTS/SHEDS AND ONE VEHICLE REVETMENT.

25X1D

25X1D

TELIKUTSUNG PROB AIR WARNING RADAR FAC

25X1D

STATUS:UNKNOWN

25X1A

PHYSICAL DESCRIPTION:

1 NM SW OF TELIKUTSUNG.

THE ROAD-SERVED, TRENCH-SECURED FACILITY CONTAINS 12 SMALL TENTS/SHEDS AND TWO BUILDINGS.

25X1D



TOP SECRET CHESS RUFF

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TIBET  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

KOYATETSUNG PROBABLE BARRACKS AREA

25X1D

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

6 NM WEST OF KOYATETSUNG,  
THE WALL-SECURED INSTALLATION CONTAINS ONE ADMINISTRATION  
BUILDING, 22 BARRACKS, ONE AUDITORIUM, ONE STORAGE BUILDING,  
ONE PROBABLE MESSHALL, AND SIX SUPPORT BUILDINGS.

25X1D

25X1D

NAKOSHEPIERHLU BARRACKS AND STORAGE

25X1D

STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

2.5 NM WEST OF NAKOSHEPIERHLU,  
THE INSTALLATION CONSISTS OF ONE UNSECURED BARRACKS AREA AND  
TWO WALL-SECURED STORAGE AREAS. THE BARRACKS AREA CONTAINS TWO  
ADMINISTRATION BUILDINGS, 19 BARRACKS, ONE PROBABLE MESSHALL,  
TWO VEHICLE STORAGE BUILDINGS, TWO SUPPORT BUILDINGS, AND 16  
TENTS/SHEDS. THE TWO SECURED STORAGE AREAS CONTAIN A TOTAL OF  
20 STORAGE-TYPE BUILDINGS.

25X1D

25X1D

PANGYA ARMY BARRACKS

25X1A

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

2 NM EAST OF LANCHIANG.  
THE PARTIALLY WALL-SECURED AREA CONTAINS TWO ADMINISTRATION  
BUILDINGS (ONE C-SHAPED), 12 PROBABLE BARRACKS, EIGHT STORAGE  
BUILDINGS, ONE L-SHAPED VEHICLE STORAGE BUILDINGS, AND 15

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TOP SECRET CHESS RUFF

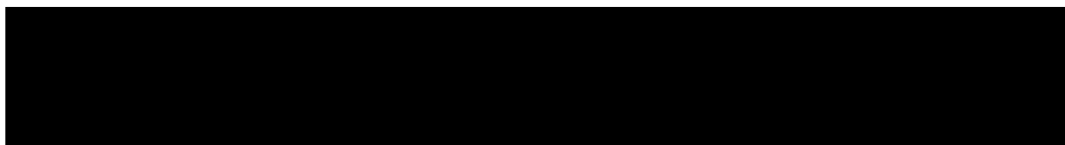
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TIBET  
GROUND FORCE FACILITIES

SUPPORT BUILDINGS. INDIGENOUS HOUSING IS LOCATED IN THE CENTER  
OF THE INSTALLATION.

- 25X1D



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TOP SECRET CHESS RUFF

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USSR  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

UKRAINA SAM SITE B23-2

25X1A

25X1D

25X1A

STATUS:OCCUPIED

REMARKS:

A BEAM REVETMENT AND A REVETTED BUILDING HAVE BEEN CONSTRUCTED  
OUTSIDE THE SECURITY FENCE.

25X1D

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USSR  
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D BREST TV/MICROWAVE FAC 25X1A 25X1D  
STATUS: COMPLETE  
PHYSICAL DESCRIPTION:  
11 NM EAST OF BREST. THIS SECURED FACILITY CONTAINS A GUYED  
TOWER 183 METERS (600 FEET) HIGH, ONE CONTROL BUILDING AND FOUR  
SUPPORT BUILDINGS. THE NUMBER, TYPE AND ORIENTATION OF THE  
MICROWAVE ELEMENTS IS UNDETERMINED DUE TO THE SMALL SCALE OF  
THE PHOTOGRAPHY.  
25X1D  
25X1D KALININGRAD TALL KING-AW RADAR FAC 25X1A  
STATUS: OPERATIONAL  
REMARKS:  
A PORTABLE, FIELD-TRANSPORTABLE TALL KING AND SIX SUPPORT VANS  
ARE NORTH OF THE BUILDING-MOUNTED  
TALL KING.  
25X1D  
25X1D KARGAT MICROWAVE FACILITY 25X1A  
STATUS: OPERATIONAL  
PHYSICAL DESCRIPTION:  
925 METERS (3,038 FEET) NM NORTH OF KARGAT. THIS SECURED  
FACILITY CONSISTS OF A SELF-SUPPORTING STEEL LATTICE TOWER WITH  
PROBABLE R-600 MICROWAVE ELEMENTS, ONE CONTROL BUILDING, AND  
ONE SUPPORT BUILDING.  
25X1D

Handle Via

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Control System Only

TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
KH-4 MISSION 1108

USSR  
COMMO/ELEC/RADAR FACILITIES

25X1D

25X1D

KARTALY MICROWAVE FACILITY SE

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

4.5 NM ESE OF KARTALY. THIS FACILITY CONTAINS A SELF-SUPPORTING MICROWAVE TOWER AND A CONTROL BUILDING. IT IS COLLOCATED WITH A GAS PIPE LINE COMPRESSING STATION.

25X1D

25X1D

MIKHAYLOVKA MICROWAVE FAC

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

SE EDGE OF MIKHAYLOVKA. THIS SECURED FACILITY CONTAINS A CONTROL BUILDING, THREE SUPPORT BUILDINGS, AND A MICROWAVE TOWER. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF MICROWAVE ELEMENTS BY SIZE, TYPE, OR ORIENTATION.

25X1D

25X1D

PARIZHSKIY PROB HF COMMO FACILITY

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1 NM NW OF PARIZHSKIY. THIS SECURED FACILITY CONTAINS ONE PROBABLE CONTROL BUILDING, A SUPPORT BUILDING AND 11 ANTENNA MASTS. A PROBABLE SECURITY BUILDING IS LOCATED OUTSIDE THE SECURED AREA. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES FURTHER INTERPRETATION OF THIS INSTALLATION.

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TOP SECRET CHESS RUFF

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USSR  
COMMO/ELEC/RADAR FACILITIES

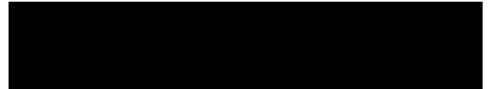
25X1D



25X1D

SOSNOVKA MICROWAVE FACILITY

25X1D



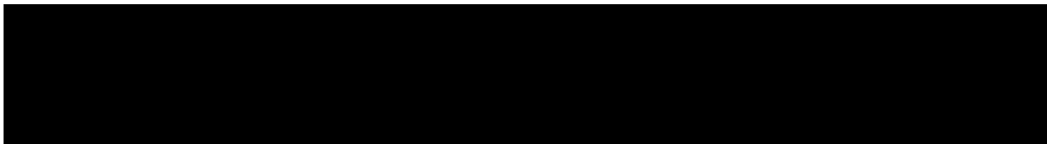
STATUS:OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

5 NM EAST OF SOSNOVKA. THIS SECURED FACILITY CONTAINS A SINGLE  
MICROWAVE TOWER WITH SUPPORT GUY WIRES AND A CONTROL BUILDING.

25X1D



25X1D

TARUTINO MICROWAVE FACILITY

25X1D



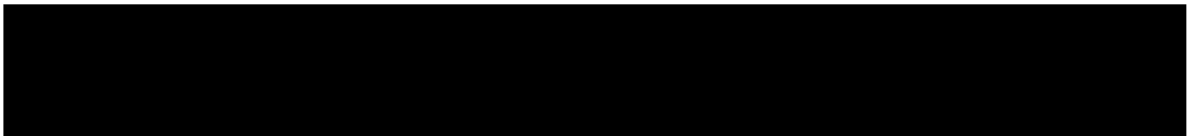
STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

SE EDGE OF TARUTINO. THIS SECURED FACILITY CONTAINS A CONTROL  
BUILDING, A SUPPORT BUILDING AND A LATTICE MICROWAVE TOWER.  
THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF  
MICROWAVE ELEMENTS BY SIZE, TYPE, OR ORIENTATION.

25X1D



25X1D

YAGUL MICROWAVE FACILITY

25X1D



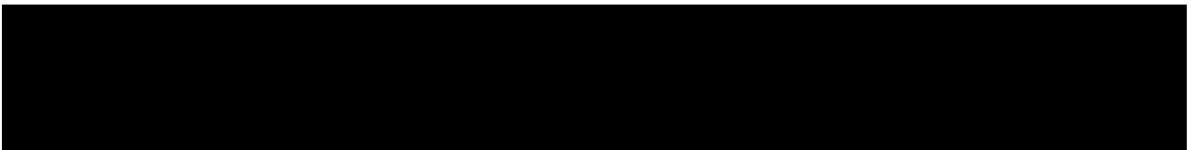
STATUS:OPERATIONAL

25X1A

REMARKS:

THE MICROWAVE TOWER IS SUPPORTED BY GUY WIRES.

25X1D



**25X1D**

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TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
KH-4 MISSION 1108

USSR  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

SOVETSK AIRFIELD

25X1A

25X1D

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION ON A PARALLEL HARD-SURFACED RUNWAY IS IN PROGRESS.

25X1D

AIR ORDER OF BATTLE:

2 SMALL STRAIGHT-WING

25X1D

25X1D

AKSHILIK MICROWAVE FACILITY

25X1A

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

14.5 NM SW OF AKSHILIK. THIS FACILITY IS WITHIN A SECURED OIL PUMPING INSTALLATION AND CONSISTS OF ONE MICROWAVE TOWER AND A CONTROL BUILDING.

25X1D

25X1D

MOSKOVSKIY AIRFIELD

25X1A

25X1D

STATUS: OPERATIONAL

REMARKS:

THIS AIRFIELD IS NOW COMPLETE AND CONTAINS A 2,034 X 40-METER (6,673 X 131-FOOT) NW/SE SERVICEABLE, PREPARED-SURFACE RUNWAY



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USSR  
AIR BASE FACILITIES

WITH TERMINAL APRON AND PARKING APRON. SUPPORT FACILITIES  
INCLUDE ONE TERMINAL BUILDING AND SIX SUPPORT BUILDINGS.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

25X1D

25X1D

SHURCHI AIRFIELD

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

A 2,679 X 172-METER (8,789 X 564-FOOT) NW/SE PROBABLY  
SERVICEABLE GRADED-EARTH RUNWAY WITH TWO END-CONNECTING LINKS  
AND A PARALLEL TAXIWAY. NO SUPPORT FACILITIES ARE OBSERVED.

25X1D

25X1D

25X1D

TALAS AIRFIELD

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

A 1,377 X 30-METER (4,519 X 99-FOOT) ESE/WNW SERVICEABLE  
GRADED-EARTH RUNWAY WITH A PARALLEL TAXIWAY, TWO END-CONNECTING  
AND TWO CROSSOVER LINKS, AND A PREPARED-SURFACE TERMINAL APRON.  
SUPPORT FACILITIES INCLUDE ONE TERMINAL BUILDING, AT LEAST SIX  
SUPPORT BUILDINGS, AND A POL STORAGE AREA.

AIR ORDER OF BATTLE:  
NONE DISCERNIBLE

25X1D

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TOP SECRET CHESS RUFF

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USSR  
AIR BASE FACILITIES

25X1D

25X1D

UST ISHIM AIRFIELD

25X1A

STATUS: OPERATIONAL

REMARKS:

AN UNSECURED POL AREA CONTAINS AT LEAST 30 SMALL, HORIZONTAL  
POL TANKS.

AIR ORDER OF BATTLE:  
3 COLT

25X1D

25X1D

25X1D

YASASHNAYA TASHLA TAC SSM STOR DPO

STATUS: OPERATIONAL

25X1A

25X1A

MISSILE ORDER OF BATTLE:  
200 PROB MISSILE CRATES  
(APPROXIMATELY)

25X1D

25X1D

25X1D

ZHARBULAK AIRFIELD

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

1 NM EAST OF ZHARBULAK. A 2,160 X 167-METER (7,086 X 548-FOOT)  
N/S SERVICEABLE GRADED-EARTH RUNWAY. FACILITIES INCLUDE TWO  
SUPPORT BUILDINGS.

AIR ORDER OF BATTLE:  
1 COLT

25X1D

**25X1D**

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TOP SECRET CHESS RUFF

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USSR  
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

BARANO-ORENBURGSKOYE ARMY BKS AL 1  
NAC

STATUS:OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:  
50 VEHICLES OR PIECES OF  
EQUIPMENT

25X1D

25X1D

25X1D

BARANO-ORENBURGSKOYE ARMY BKS AL 1  
NAC

STATUS:OCCUPIED

25X1A

25X1D

GROUND FORCE ORDER OF BATTLE:  
50 VEHICLES OR PIECES OF  
EQUIPMENT

25X1D

25X1D

CHITA ARMY BKS KASHTAK SOUTHEAST

STATUS:OCCUPIED

25X1A

25X1D

Handle Via

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TOP SECRET CHESS RUFF

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USSR  
GROUND FORCE FACILITIES

25X1A

PHYSICAL DESCRIPTION:

2 NM NORTH OF CHITA. THIS SECURED INSTALLATION WAS PREVIOUSLY REPORTED AS CHITA ARMY BARRACKS INFANTRY [REDACTED] IT CONTAINS AT LEAST NINE BARRACKS, FIVE STORAGE OR SUPPORT BUILDINGS, AT LEAST TWO VEHICLE STORAGE BUILDINGS, 28 OTHER BUILDINGS, 14 DEPENDENT QUARTERS, A PARADE FIELD, AND A TRAINING AREA WITH AN AUTOMATIC-WEAPONS FIRING RANGE WITH MOVING TARGETS, THREE SMALL-ARMS FIRING RANGES, A BIVOUAC AREA, A DRIVER TRAINING COURSE, AND EXTENSIVE SCARRING AND TRENCHING.

GROUND FORCE ORDER OF BATTLE:  
70 VEHICLES AND PIECES OF  
EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

KATTA-KURGAN TRAINING AREA WEST 1

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

25X1A

25X1D

REMARKS:

A NEW VEHICLE PARK HAS BEEN SET UP ALONG THE EASTERN EDGE OF THE TRAINING AREA. THE PARK CONTAINS 16 ROWS OF UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT. NO TENTS, TRUCKAGE, OR ACTIVITY OF ANY KIND IS OBSERVED THROUGHOUT THE REMAINDER OF THE AREA. A PREVIOUSLY UNREPORTED RAIL SPUR APPROXIMATELY 3.0 NM LONG HAS BEEN CONSTRUCTED ALONG THE EASTERN AND SOUTHERN EDGE OF THE AREA AND CONTAINS A POSSIBLE OFF-LOADING POINT NEAR ITS TERMINAL. AN AREA OF UNIDENTIFIED CONSTRUCTION CONSISTING OF A SHALLOW EXCAVATION AND GRADING IS LOCATED 925 METERS (3,038 FEET) SOUTH OF THE RAIL SPUR.

25X1D

[REDACTED]

25X1D

25X1D

MARY AMMUNITION DEPOT

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

25X1A

REMARKS:

FIVE OF THE EIGHT REVETTED PUG STORAGE BUILDINGS IN THE EASTERN

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TOP SECRET CHESS RUFF

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USSR  
GROUND FORCE FACILITIES

AREA HAVE BEEN RAZED. A STORAGE BUILDING IN THE NW CORNER OF  
THE FACILITY HAS BEEN COMPLETED.

GROUND FORCE ORDER OF BATTLE:  
25 VEHICLES (AT LEAST)

25X1D

Handle Via

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TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22  
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USSR  
LOGISTICS

SIGNIFICANT RESULTS

25X1D

AKTASH BI-PROPELLANT STORAGE FACILITY

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1.5 NM SOUTH OF AKTASH AND APPROXIMATELY 10.0 NM NW OF KURGANCHA. THIS RAIL AND ROAD-SERVED FACILITY CONTAINS TWO DOUBLE-LOOP ROAD PATTERNS WITH AT LEAST TWO AREAS CONTAINING BURIED FUEL TANKS, TWO RAIL-SERVED, OFF-LOADING, DRIVE-THROUGH BUILDINGS, FOUR OXIDIZER STORAGE BUILDINGS IN THE SE CORNER OF THE INSTALLATION, AN UNDETERMINED NUMBER OF OFF-LOADING POINTS, TEN REVETTED HORIZONTAL TANK STORAGE PLACEMENTS, AT LEAST 12 SMALL SUPPORT BUILDINGS, AND APPROXIMATELY 15 LIGHT-COLORED RAIL TANK CARS. A SEPARATELY SECURED AREA IMMEDIATELY NORTH OF THE FACILITY CONTAINS TWO LARGE BUILDINGS, EIGHT SMALL BUILDINGS, AND AT LEAST THREE BURIED TANKS.

25X1D

## COUNTRY CODES

The following is an alphabetic listing of country codes as compiled from the Basic Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

AD Aden	GO Gotland Is.	PK Pakistan (West)
AF Afghanistan	GR Greece	PO Poland
AG Algeria	GV Guinea	PT Portugal
AL Albania	GW West Germany	PU Portuguese Guinea
AM Andaman and Nicobar Is.	HK Hong Kong	QA Qatar
AN Andorra	HU Hungary	RA Rwanda
AO Angola	ID Indonesia	RI Rio Muni
AU Austria	IF Ifni	RK Ryukyu Is.
AZ Azores Is.	IL Iceland	RM Mali
BA Bahrain Is.	IN India	RS Socotra Is.
BK Botswana (Bechuanaland)	IQ Iraq	RU Rumania
BE Belgium	IR Iran	RY Zambia
BH Bornholm Is.	IS Israel	RZ Rhodesia
BI Balearic Is.	IT Italy	SB San Marino
BJ Nanpo Shoto	IV Ivory Coast	SD Sardinia
BM Burma	JA Japan	SE Seychelles Is.
BO Sabah (N. Borneo)	JK Jammu and Kashmir	SF French Somaliland
BS Lesotho (Basutoland)	JO Jordan	SG Sarawak
BT Bhutan	KE Kenya	SI Sicily
BU Bulgaria	KN North Korea	SJ Society Is.
BW Berlin, West	KS South Korea	SK Senegal
BX Brunei	KU Kuwait	SL Sierra Leone
BY Burundi	LA Laos	SM Somali Republic
CA Canary Is.	LC Laccadive Is.	SP Spain
CB Cambodia	LE Lebanon	SR Saudi Arabia
CD Central African Republic	LI Liberia	SS Spanish Sahara
CE Ceylon	LS Liechtenstein	ST Sao Tome E Principe
CG Chad	LX Luxembourg	SU Sudan
CH China	LY Libya	SV Svalbard
CL Caroline Is.	MA Malagasy Republic	SW Sweden
CM Cameroon	MC Macao	SY Syria
CP Congo (Brazzaville)	MD Madeira Is.	SZ Switzerland
CR Crete	MF Malaysia	TA Tanzania
CT Corsica	MG Mongolia	TC Trucial States
CV Cape Verde Is.	ML Malta	TH Thailand
CX Congo (Leopoldville)	MN Monaco	TI Tibet
CY Cyprus	MO Morocco	TK Turkey
CZ Czechoslovakia	MR Mascarene Is.	TM Portuguese Timor
DA Dahomey	MT Mauritania	TO Togo
DE Denmark	MV Maldives Is.	TU Tunisia
DO Dodecanese Is.	MZ Mozambique	TW Taiwan
EG Egypt	NE Netherlands	UA Republic of South Africa
EP Pakistan (East)	NI Nigeria	UG Uganda
ET Ethiopia	NK Niger	UR USSR
FI Finland	NO Norway	UV Upper Volta
FO Faeroe Is.	NP Nepal	VN North Vietnam
FR France	NS Surinam	VS South Vietnam
GA Gambia	NW New Guinea	VT Vatican City
GC Gabon	NY Malawi	WA Swaziland
GE East Germany	NZ New Zealand	YE Yemen
GH Ghana	OM Muscat Oman	YU Yugoslavia
GI Gibraltar	PI Philippines	



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